

## 1. IDENTIFICATION

**Product identifier**

**Product Name** UDT Grout Colorant  
Custom, Coffee, Slate, Terra Cotta

**Other means of identification**

**Part Number(s)** 496001, 496006, 496012, 496013

**Recommended use of the chemical and restrictions on use**

**Recommended use** Coloring of grout; for professional use only

**Uses advised against** Not intended for consumer use.

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

Ultra Durable Technologies  
355 6<sup>th</sup> Ave. North  
Waite Park, MN 56387  
320-258-2266  
Ultrad.com

**Emergency telephone number**

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

This chemical is considered hazardous by the 2024 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Carcinogenicity	Category 1A
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**Signal Word**

**Danger**

**Hazard Statements**

May cause cancer.

**Precautionary Statements – Prevention**

Obtain, read, and follow all safety instructions before use.  
Wear protective gloves and clothing, eye protection, face protection.

**Precautionary Statements – Response**

If EXPOSED or CONCERNED: seek medical advice.

**Precautionary Statements – Storage**

Store locked up.

**Precautionary Statements – Disposal**

Dispose of contents and container to an approved waste disposal site in accordance with local, regional, and national regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %
Feldspar	68476-25-5	10 – 30
Crystalline Silica	14808-60-7	1 – 5
Heavy Paraffinic Distillates, Solvent Dewaxed	64742-65-0	0.1 - 1

**Trade Secret statement (OSHA 1910.1200(i))** Specific chemical identities and concentrations for one or more listed chemicals are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

### 4. FIRST AID MEASURES

#### Description of first aid measures

##### **Eye Contact**

Flush eyes with running water for at least 15 minutes, lifting upper and lower eyelids. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice.

##### **Skin Contact**

Immediately flush skin. Wash with soap and water and rinse thoroughly. Seek medical attention if skin irritation or rash develops.

##### **Inhalation**

Remove victim to fresh air and keep comfortable for breathing. If necessary, use artificial respiration (CPR) to support vital functions. If respiratory irritation develops, seek medical advice.

##### **Ingestion**

Rinse mouth with water and drink plenty of water afterwards. Do NOT induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow.

#### Most important symptoms and effects, both acute and delayed

No information available.

#### Immediate medical attention and special treatment, if necessary

No information available.

#### Note to physicians

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Protective equipment and precautions for firefighters

Wear self-contained respiratory protective device.

#### Suitable extinguishing media

Carbon dioxide. Dry powder. Foam.

#### Unsuitable extinguishing media

Use of water spray when fighting fire may be inefficient.

#### Specific hazards arising from the chemical

Hazardous decomposition products include toxic fumes and oxides of carbon.

#### Protective equipment and precautions for firefighters

Evacuate area and move all non-emergency personnel away from and upwind of fire.

Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire. As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep containers cool by spraying with water if exposed to fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Do not breathe mist or vapor.

Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene.

No open flames, no sparks, and no smoking.

Avoid contact with skin, eyes, and clothing.

**Environmental precautions**

Avoid release to the environment. Do not allow product to enter drains, sewers, public water, surface water, or groundwater. If contact is made, notify authorities.

**Methods and materials for containment and cleaning up**

Use personal protective equipment as required. Stop flow of material if able to do so safely. Contain discharged material. Absorb spill using inert, absorbent material, such as sand, earth, or vermiculite. Take up mechanically to an appropriate waste disposal container. Wash spill site with detergent-water mix and allow to air-dry.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Wear appropriate personal protective equipment – gloves, safety glasses, appropriate work clothing. Wash hands and exposed skin thoroughly after use. Practice good industrial hygiene when using product. Ensure good ventilation of the workstation. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Do not breathe mist or vapor. Do not get on skin or in eyes. Contaminated clothing should not be allowed out of the workplace. Wash before reuse or discard.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**

Store in a cool, dry, well-ventilated place. Store away from direct sunlight, locked up in tightly closed containers when not in use.

**Incompatible materials**

No information available.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls**

The use of local exhaust ventilation is recommended. Eyewash stations, chemical showers recommended.

**Exposure Guidelines**

Chemical Name	NIOSH TWA	ACGIH TLV	OSHA PEL
Feldspar*	No limit established	No limit established	No limit established
Crystalline Silica*	0.05 mg/m <sup>3</sup> respirable dust	0.025 mg/m <sup>3</sup> respirable particulate matter	50 µg/m <sup>3</sup> (excluding construction work, agricultural operations, and exposures that result from the processing of sorptive clays.

\*Not in a respirable form in delivered state.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Protective eyewear (safety glasses). Face protection shield if splash hazard exists.

**Skin and body protection** Gloves. Protective clothing.

**Respiratory protection** If adequate ventilation is not available, wear appropriate respirator for specific circumstances and with exposure guidelines in mind.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Liquid
<b>Color</b>	Opaque; may be tan, gray, red; custom color
<b>Odor</b>	No information
<b>Melting point</b>	No information
<b>Boiling point</b>	≥ 100 °C / ≥ 212 °F
<b>Flammability</b>	No information
<b>Upper flammability limit</b>	No information
<b>Lower flammability limit</b>	No information
<b>Flash point</b>	No information
<b>Autoignition Temperature</b>	No information
<b>Decomposition temperature</b>	No information
<b>pH</b>	8.5 – 9.5

Dynamic Viscosity	No information
Kinematic Viscosity	No information
Solubility	No information
Partition coefficient n-octanol/water (Log Pow)	No information
Vapor pressure	No information
Density	9.65 lb/gal
Specific Gravity	1.16
Relative Density	No information
Percent Solids by Weight	43.1%
Percent Volatile by Weight	0.0%
Percent Solids by Volume	34.0%
Actual VOC (g/l)	0
EPA VOC (g/l)	0

**10. STABILITY AND REACTIVITY**

**Reactivity**

This product is non-reactive under normal conditions of use, storage, and transport.

**Chemical Stability**

Stable under normal conditions.

**Possibility of Hazardous Reactions**

None under normal conditions.

**Conditions to avoid**

Extremes of temperature.

Direct sunlight.

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**Incompatible materials**

No information available.

**Hazardous decomposition products**

Thermal decomposition products include oxides of carbon and possible harmful vapors.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

Inhalation	Inhalation of vapors.
Eye contact	Liquid material splash or vapors.
Skin contact	Liquid material splash.
Ingestion	Liquid material.

**Symptoms related to the physical, chemical, and toxicological characteristics**

No information available.

**Delayed and immediate effects as well as chronic effects from short- and long-term exposure**

No information available.

**Numerical Values of Toxicity – Component Information**

Chemical name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Feldspar	--	--	--
Crystalline Silica	> 22,500 mg/kg (Rat)	> 5,000 mg/kg (Rat)	--
Heavy Paraffinic Distillates, Solvent Dewaxed	> 5,000 mg/kg (Rat)	> 5,000 mg/kg (Rat)	> 2.4 mg/mL (Rat, 4h)

Skin Corrosion/Irritation	Not classified.
Serious Eye Damage/Irritation	Not classified.
Respiratory or Skin Sensitization	Not classified.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	May cause cancer.

<b>Reproductive Toxicity</b>	Not classified.
<b>STOT – Single Exposure</b>	Not classified.
<b>STOT – Repeated Exposure</b>	Not classified.
<b>Aspiration Hazard</b>	Not classified.

**Numerical measures of Toxicity – Product Information**

The following values are calculated based on Chapter 3.1 of the GHS document.

Chemical name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
UDT Grout Colorant Custom, Coffee, Slate, Terra Cotta	315,000 mg/kg	70,000 mg/kg	156 mg/kg

<b>Acute Toxicity (oral)</b>	Not classified.
<b>Acute Toxicity (dermal)</b>	Not classified.
<b>Acute Toxicity (inhalation)</b>	Not classified.

**Interactive effects**

No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

16.73% of the mixture consists of components of unknown hazards to the aquatic environment.

This product is not considered harmful to aquatic organisms.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Feldspar	--	--	--
Crystalline Silica	--	--	--
Heavy Paraffinic Distillates, Solvent Dewaxed	--	LC <sub>50</sub> = 5,000 mg/L (Oncorhynchus mykiss, 96h)	EC <sub>50</sub> = 1,000 mg/L (Daphnia magna, 48h)

Chemical Name	Algae/aquatic plants	Fish	Crustacea
UDT Grout Colorant Custom, Coffee, Slate, Terra Cotta	--	--	--

**Persistence and degradability**

No information available

**Bioaccumulation potential**

Chemical Name	Partition Coefficient n-octanol/water (Log P <sub>ow</sub> )
Feldspar	--
Crystalline Silica	--
Heavy Paraffinic Distillates, Solvent Dewaxed	--

**Assessment**

No information available.

**Mobility in Soil**

Not mobile in soil.

**Other adverse effects****Elimination information**

No information available

**Water hydrolysis**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal of waste**

Disposal of contents/container should be in accordance with applicable regional, national, and local laws and regulations. Do not discharge product into sewer system.

Contaminated Packaging Do not reuse container.

## 14. TRANSPORT INFORMATION

UN Number	Not regulated
UN Proper Shipping Name	Not applicable
Transport Hazard Class(es)	
DOT	Not applicable
IMDG	Not applicable
IATA	Not applicable
Packing Group	
DOT	Not applicable
IMDG	Not applicable
IATA	Not applicable
Environmental Hazards	None
Special Instructions for User	None

**NOTE** Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100-177, IMDG, IATA, EC, Canadian TDG, and United Nations TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

## 15. REGULATORY INFORMATION

### Chemical Inventories

**TSCA** All components of this product are listed on the TSCA Inventory or are exempted from listing.

### US Federal Regulations

#### **SARA 313**

Section 313 of the Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), This product contains a chemical of chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulation, Part 372.

#### **SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No
Carcinogenicity	Yes
Respiratory or Skin Sensitization	No
Germ Cell Mutagenicity	No
Serious Eye Damage/Irritation	No

### US State Regulations

California Proposition 65 – This product does contain a substance known to the State of California to cause cancer, developmental, and/or reproductive harm, but is not respirable in its current form.

State Right to Know – New Jersey – Feldspar, Crystalline Silica  
 Massachusetts – Feldspar  
 Pennsylvania – Feldspar, Crystalline Silica

### International Regulations

**DSL/NDL** (Canadian Domestic Substances List) Complies

### HMIS Hazard Codes

Health	1
Fire	0
Reactivity	0

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Preparation Date

24-Feb-2023

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Revision Date	5-January-2026
Revision Note	General formatting updates; updated sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, and 15.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

End of Safety Data Sheet